

JEM RSM Converter

Operating System Requirements

The software has been tested to run on the following operating systems:

- Windows: 7 and higher
- Mac OS X: 10.9 and higher
- Linux: Ubuntu 16.04 and higher

The Java Runtime Environment (JRE) or Java Development Kit (JDK) version 8 or greater is required and is available from Oracle at:

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

If Java is not installed on your system, the application will not launch.

Running the Software

Please extract the appropriate zip file for your system and run the “JEM_RSM_NetCDF_Converter” application.

After the application launches, use the “RSM Input File” browse button to locate the RSM NetCDF file you wish to convert. Upon opening the file successfully, the interface will be updated with default selections for data variable, date, range, and interpolation types.

JEM RSM NetCDF Converter v2.1.0

File Tools Help

RSM Input File: C:\Data\2016_08_12_RSMInterpolation\CEPP_2013_02_28_EC_globalmonitors.nc Browse

Rename ComputedHead To: stage

Variable: ComputedHead

Date Range:

1965-01-01 24:00:00Z	2005-12-31 24:00:00Z
1965-01-01 24:00:00Z	2005-12-12 24:00:00Z
1965-01-02 24:00:00Z	2005-12-13 24:00:00Z
1965-01-03 24:00:00Z	2005-12-14 24:00:00Z
1965-01-04 24:00:00Z	2005-12-15 24:00:00Z
1965-01-05 24:00:00Z	2005-12-16 24:00:00Z
1965-01-06 24:00:00Z	2005-12-17 24:00:00Z
1965-01-07 24:00:00Z	2005-12-18 24:00:00Z
1965-01-08 24:00:00Z	2005-12-19 24:00:00Z
1965-01-09 24:00:00Z	2005-12-20 24:00:00Z
1965-01-10 24:00:00Z	2005-12-21 24:00:00Z
1965-01-11 24:00:00Z	2005-12-22 24:00:00Z
1965-01-12 24:00:00Z	2005-12-23 24:00:00Z
1965-01-13 24:00:00Z	2005-12-24 24:00:00Z
1965-01-14 24:00:00Z	2005-12-25 24:00:00Z
1965-01-15 24:00:00Z	2005-12-26 24:00:00Z
1965-01-16 24:00:00Z	2005-12-27 24:00:00Z
1965-01-17 24:00:00Z	2005-12-28 24:00:00Z
1965-01-18 24:00:00Z	2005-12-29 24:00:00Z
1965-01-19 24:00:00Z	2005-12-30 24:00:00Z
1965-01-20 24:00:00Z	2005-12-31 24:00:00Z
1965-01-21 24:00:00Z	

Difference Map: C:\Data\JEM_RSM_NetCDF_Converter-win32.win32.x86_64\data\navd88_minus_ngvd29_sfl.nc Browse

Topography Type: ☐ RSM ☒ EDEN DEM

Topography File: C:\Data\JEM_RSM_NetCDF_Converter-win32.win32.x86_64\data\eden_dem_mm_oc11.nc Browse

Interpolation: ☒ Delaunay triangulation ☒ Require intersection

Select All Select None

Output File (Stage): C:\Data\2016_08_12_RSMInterpolation\stage.nc Browse

☒ Compress ☒ Delete NetCDF (if compress)

Output File (Depth): C:\Data\2016_08_12_RSMInterpolation\depth.nc Browse

☒ Compress ☒ Delete NetCDF (if compress)

Run

When you are satisfied with the selections, click the “Run” button to begin the conversion process.